Contents of Volume 38

Number 1, January 1990	
Extensive homologies between <i>Leishmania donovani</i> chromosomes of markedly different size R.P. Bishop (U.K.)	
Putrescine N-acetyltransferase in Onchocerca volvulus and Ascaris suum, an enzyme which is involved in polyamine degradation and release of N-acetylputrescine	. (1)
RM. Wittich and R.D. Walter (F.R.G.) Chemical characterization of the parasitophorous vacuole membrane antigen QF116 from <i>Plasmodium falciparum</i>	13
U. Kara, B. Murray, C. Pam, J. Lahnstein, H. Gould, C. Kidson and A. Saul (Australia)	19
The major surface glycoprotein (GP63) is present in both life stages of <i>Leishmania</i> T.O. Frommel, L.L. Button, Y. Fujikura and W.R. McMaster (Canada)	25
A nuclear magnetic resonance study of the interactions of the antimalarials chloroquine, quinacrine, quinine and mefloquine with lipids extracted from normal human erythrocytes R. Zidovetzki, I.W. Sherman, P.A. Maguire and H. De Boeck (U.S.A.)	33
Amino acid and carbohydrate composition of a lysosomal cysteine proteinase from <i>Trypanosoma cruzi</i> . Absence of phosphorylated mannose residues	
J.J. Cazzulo, U. Hellman, R. Couso and A.J.A. Parodi (Argentina, Sweden)	41
Expression, partial purification and immunogenicity of fragments of the knob protein of <i>Plasmodium falciparum</i> M.A. Rashid, YF. Yang and A. Kilejian (U.S.A.)	49
The glycoinositolphospholipid profiles of two <i>Leishmania major</i> strains that differ in lipophosphoglycan expression M.J. McConville and A. Bacic (Australia)	57
The ring-infected erythrocyte surface antigen protein of <i>Plasmodium falciparum</i> is phosphorylated upon association with the host cell membrane M. Foley, L.J. Murray and R.F. Anders (Australia)	69
Characterisation of an alkaline peptidase of <i>Trypanosoma cruzi</i> and other trypanosomatids F. Ashall (U.K.)	77
Investigation of ecdysteroid excretion by adult <i>Dirofilaria immitis</i> and <i>Brugia pahangi</i> J.G. Mercer, G.C. Barker, R.E. Howells and H.H. Rees (U.K.)	89
Glycosphingolipids of <i>Echinococcus multilocularis</i> metacestodes F. Persat, JF. Bouhours, M. Mojon and AF. Petavy (France)	97
Phospholipid composition, cholesterol content and cholesterol exchange in <i>Plasmodium falciparum</i> -infected red cells P.A. Maguire and I.W. Sherman (U.S.A.)	105
Heterogeneity and expression of the <i>Plasmodium falciparum</i> 5.8S ribosomal RNA genes D. Shippen-Lentz, T. Afroze and A.C. Vezza (U.S.A.)	113
Association of <i>Plasmodium berghei</i> proteins with the host erythrocyte membrane: binding to inside-out vesicles M.F. Wiser, A.C. Sartorelli and C.L. Patton (U.S.A.)	121
Conformation and immunogenicity of engineered repeating segment of the circumsporozoite surface protein of <i>Plasmo-dium falciparurii</i> G.E. Armah, S. Nishikawa, S. Miki, Y. Omata, T. Nakabayashi and Ki. Tomita (Japan)	135
The <i>TOP2</i> gene of <i>Trypanosoma brucei</i> : a single-copy gene that shares extensive homology with other <i>TOP2</i> genes encoding eukaryotic DNA topoisomerase II P.R. Strauss and J.C. Wang (U.S.A.)	141
Phosphofructokinase from <i>Dirofilaria immitis</i> : effect of fructose 2,6-bisphosphate and AMP on the non-phosphorylated and phosphorylated forms of the enzyme N.G. Srinivasan, G.S.J. Rao and B.G. Harris (U.S.A.)	151
Number 2, January 15, 1990	
The effect of two novel analogues of antimycin A on oxygen consumption and survival of filarial nematodes in vitro	150

A molecular karyotype of Eimeria tenella as revealed by contour-clamped homogeneous electric field gel electrophoresis M.W. Shirley, D.J. Kemp, J. Pallister and S.J. Prowse (Australia)	169
Fatty acid and sterol metabolism of cultured <i>Trichomonas vaginalis</i> and <i>Tritrichomonas foetus</i> D.H. Beach, G.G. Holz, Jr., B.N. Singh and D.G. Lindmark (U.S.A.)	175
High- and low-density lipoproteins enhance infection of <i>Trypanosoma cruzi</i> in vitro R.P. Prioli, I. Rosenberg and M.E.A. Pereira (U.S.A.)	191
Identification and characterization of glycosylphosphatidylinositol-linked <i>Schistosoma mansoni</i> adult worm immunogens S.Y. Sauma and M. Strand (U.S.A.)	199
Characterisation of Sm20, a 20-kilodalton calcium-binding protein of Schistosoma mansoni J.C. Havercroft, M.C. Huggins, D.W. Dunne and D.W. Taylor (U.K.)	211
Specific interaction of benzimidazole anthelmintics with tubulin: high-affinity binding and benzimidazole resistance in <i>Hae-monchus contortus</i>	
G.W. Lubega and R.K. Prichard (Canada)	221
Purification and characterization of 37-kilodalton proteases from <i>Plasmodium falciparum</i> and <i>Plasmodium berghei</i> which cleave erythrocyte cytoskeletal components A. Deguercy, M. Hommel and J. Schrével (France, U.K.)	233
Trypanosoma cruzi receptors for human transferrin and their role	200
M.F. Lima and F. Villalta (U.S.A.)	245
Characterisation of an extrachromosomal DNA element from Theileria annulata	
R. Hall, L. Coggins, S. McKellar, B. Shiels and A. Tait (U.K.)	253
The mature-parasite-infected erythrocyte surface antigen (MESA) of <i>Plasmodium falciparum</i> associated with the erythrocyte membrane skeletal protein, band 4.1	11
S. Lustigman, R.F. Anders, G.V. Brown and R.L. Coppel (Australia, U.S.A.)	261
Filarial paramyosin: cDNA sequences from <i>Dirofilaria immitis</i> and <i>Onchocerca volvulus</i> R.J. Limberger and L.A. McReynolds (U.S.A.)	271
Emetine-resistant mutants of <i>Entamoeba histolytica</i> overexpress mRNAs for multidrug resistance J. Samuelson, P. Ayala, E. Orozco and D. Wirth (U.S.A., Mexico)	281
Homologous sequences in <i>Plasmodium cynomolgi</i> and the gene of the histidine-rich knob protein of <i>Plasmodium falci-</i> parum (Short Communication)	
A. Kilejian, YF. Yang, A.H. Cochrane and M.A. Rashid (U.S.A.)	291
The 5S ribosomal RNA genes of Crithidia fasciculata (Short Communication)	
J. Köck and A.W.C.A. Cornelissen (F.R.G.)	295
Author index	299
Subject index	301
Contents of Volume 38	303

